

(1) GENERAL INFORMATION:

(i) APPLICANT:

- (A) NAME: UNIVERSIDAD MIGUEL HERNANDEZ
- (B) STREET: Monóvar s/n
- (C) CITY: Elche
- (D) PROVINCE: Alicante
- (E) COUNTRY: ES
- (F) POSTAL (ZIP) CODE: 03206
- (G) TELEPHONE NO.: 96-665-8727
- (H) FAX NO.: 96-665-8680

(ii) TITLE OF THE INVENTION:

NEURONAL EXOCYTOSIS INHIBITING PEPTIDES AND COSMETIC
AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAID
PEPTIDES

(iii) NUMBER OF SEQUENCES: 6

(iv) COMPUTER-READABLE FORMAT:

- (A) TYPE OF MEDIUM: Floppy disk
- (B) COMPUTER: IBM-compatible PC
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (OEP)

(2) INFORMATION ABOUT SEQ. ID. NO. 1

(i) CHARACTERISTICS OF THE SEQUENCE:

- (A) LENGTH: 82 amino acids
- (B) TYPE: amino acid
- (C) NUMBER OF CHAINS: single
- (D) TOPOLOGY: linear

(ii) TYPE OF MOLECULE: Peptide

(xi) DESCRIPTION OF THE SEQUENCE: SEQ. ID. NO. 1

Ala Glu Asp Ala Asp Met Arg Asn Glu Leu Glu Glu Met Gln Arg Arg

1

5

10

15

Ala Asp Gln Leu Ala Asp Glu Ser Leu Glu Ser Thr Arg Arg Met Leu

20

25

30

Gln Leu Val Glu Glu Ser Lys Asp Ala Ile Arg Thr Leu Val Met Leu

35

40

45

Asp Glu Gln Gly Glu Gln Leu Glu Arg Ile Glu Glu Gly Met Asp Gln

50

55

60

Ile Asn Lys Asp Met Lys Glu Ala Glu Lys Asn Leu Thr Asp Leu Gly

65

70

75 80

Lys Phe

(2) INFORMATION ABOUT SEQ. ID. NO. 2

(i) CHARACTERISTICS OF THE SEQUENCE:

(A) LENGTH: 6 amino acids

(B) TYPE: amino acid

(C) NUMBER OF CHAINS: single

(D) TOPOLOGY: linear

(ii) TYPE OF MOLECULE: Peptide

(xi) DESCRIPTION OF THE SEQUENCE: SEQ. ID. NO. 2

Glu Glu Met Gln Arg Arg

1

5

(2) INFORMATION ABOUT SEQ. ID. NO. 3

(i) CHARACTERISTICS OF THE SEQUENCE:

(A) LENGTH: 13 amino acids

(B) TYPE: amino acid

(C) NUMBER OF CHAINS: single

(D) TOPOLOGY: linear

(ii) TYPE OF MOLECULE: Peptide

(xi) DESCRIPTION OF THE SEQUENCE: SEQ. ID. NO. 3

Glu Leu Glu Glu Met Gln Arg Arg Ala Asp Gln Leu Ala

1

5

10

(2) INFORMATION ABOUT SEQ. ID. NO. 4

(i) CHARACTERISTICS OF THE SEQUENCE:

(A) LENGTH: 86 amino acids

(B) TYPE: amino acid

(C) NUMBER OF CHAINS: single

(D) TOPOLOGY: linear

(ii) TYPE OF MOLECULE: Peptide

(xi) DESCRIPTION OF THE SEQUENCE: SEQ. ID. NO. 4

Val Asp Glu Arg Glu Gln Met Ala Ile Ser Gly Gly Phe Ile Arg Arg

1

5

10

15

Val Thr Asn Ala Arg Glu Asn Glu Glu Met Asp Glu Asn Leu Glu Gln

20

25

30

Val Ser Gly Ile Leu Gly Asn Leu Arg His Met Ala Leu Asp Met Gly

35

40

45

Asn Glu Ile Asp Thr Gln Asn Arg Gln Ile Asp Arg Ile Met Glu Lys

50

55

60

Ala Asp Ser Asn Lys Thr Arg Ile Asp Glu Ala Asn Gln Arg Ala Thr

65

70

75 80

Lys Met Leu Gly Ser Gly

85

(2) INFORMATION ABOUT SEQ. ID. NO. 5

(i) CHARACTERISTICS OF THE SEQUENCE:

(A) LENGTH: 18 amino acids

(B) TYPE: amino acid

(C) NUMBER OF CHAINS: single

(D) TOPOLOGY: linear

(ii) TYPE OF MOLECULE: Peptide

(xi) DESCRIPTION OF THE SEQUENCE: SEQ. ID. NO. 5

Arg Ile Met Glu Lys Ala Asp Ser Asn Lys Thr Arg Ile Asp Glu Ala
 1 5 10 15

Asn Gln

(2) INFORMATION ABOUT SEQ. ID. NO. 6

(i) CHARACTERISTICS OF THE SEQUENCE:

(A) LENGTH: 19 amino acids

(B) TYPE: amino acid

(C) NUMBER OF CHAINS: single

(D) TOPOLOGY: linear

(ii) TYPE OF MOLECULE: Peptide

(xi) DESCRIPTION OF THE SEQUENCE: SEQ. ID. NO. 6

Ala Asp Ser Asn Lys Thr Arg Ile Asp Glu Ala Asn Gln Arg Ala Thr
 1 5 10 15

Lys Met Le